Index of Claims

Λ	nnl	icat	ion	ICAr	ntrol	No
~	PPI	ıvaı		1001	1001	110.

10/522,679

Examiner

Audrey Y. Chang

Applicant(s)/Patent under Reexamination

ITOH ET AL.

Art Unit

2872

√	Rejected
	Allowed

_	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected						
ı	Interference						

A	Appeal
0	Objected

Claim								l							-	_		لـــ	١			-			
Image: 150 or 1 Image: 150	Cla	im					Date	е —					Cla	im		·			ate	•					
1		=	2															T						İ	
1	lal	ji	9					ŀ					nal	gin		-	1							١.	1 2
1	ίĒ	Ö	۲,										证	Ori				-							1
S			P 1	<u> </u>	<u> </u>	_	<u> </u>		<u> </u>	<u> </u>	⊢					+	4	-			⊢	\vdash	\vdash		⊢
S	<u> </u>		<u> </u>		<u> </u>	<u> </u>		┡	⊢	⊢	-			51	\vdash	-+	\dashv	\dashv			┈	-		l	⊢
4 54 5 5 6 6 7 6 8 56 9 58 10 60 11 61 12 62 13 64 15 65 16 64 17 65 18 68 19 69 20 70 21 71 22 73 23 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94	<u> </u>		-	\vdash	-	-	-	⊢	<u> </u>	-	-			52	-+	┰	+	\dashv		_	╁	\vdash	_		
S 6 6 55 56 57 58 59 57 58 59 <td>-</td> <td>- 1</td> <td>\vdash</td> <td>\vdash</td> <td>⊢</td> <td> </td> <td>⊢</td> <td>├</td> <td>-</td> <td>-</td> <td>\vdash</td> <td></td> <td></td> <td>54</td> <td>\dashv</td> <td>+</td> <td>+</td> <td>\dashv</td> <td></td> <td>_</td> <td>\vdash</td> <td>-</td> <td></td> <td>ĺ</td> <td></td>	-	- 1	\vdash	\vdash	⊢		⊢	├	-	-	\vdash			54	\dashv	+	+	\dashv		_	\vdash	-		ĺ	
Se	<u> </u>		-	-	-	┝	┝	┢		_	-			55	-+		\dashv			_			H	İ	-
7 57 8 9 10 60 11 62 13 63 14 64 15 65 16 66 17 68 19 69 20 70 21 71 22 72 23 74 24 74 25 75 26 76 27 78 29 79 30 80 31 81 32 83 33 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94 96 96 97 97 48 99		큠	├─	┢	-	-	├─	\vdash	-	-		1			_	_	1	┪	_				m		
8 9 58 59 10 60 60 61 11 62 63 63 13 64 64 64 15 66 65 66 17 67 67 67 18 68 69 69 20 70 70 70 21 71 74 74 22 73 73 74 25 75 76 77 28 78 79 30 30 80 31 81 31 81 81 83 33 84 84 88 33 84 88 88 39 89 99 90 40 90 90 90 41 91 91 94 44 94 99 99	\vdash	7	H	-	-	┢	├─	-		1				57		_	-	T							
S		a	-		-	\vdash	\vdash		_			1		58								Г			
1		g	\vdash	\vdash			1			T		1		59											
11														60		I	\Box								
13		11	\Box	_										61											
14			V											62		_	\perp	_			<u> </u>			ļ	L
15 16 17 66 17 68 18 68 19 70 21 71 72 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 84 34 84 35 85 36 86 37 87 38 88 39 90 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 99			V	_					匚	Ĺ	\Box			63	Ш	\perp	\downarrow					Ь.	L		<u>_</u>
16 17 66 67 68 18 69 69 69 69 69 69 70 71 71 72 72 73 74 74 74 74 75 75 76 77 78 78 79 78 79 80 80 80 80 80 81 81 82 83 33 83 83 83 83 83 83 84 85 85 85 <t< td=""><td></td><td></td><td>1</td><td></td><td>ـــــــــــــــــــــــــــــــــــــــ</td><td>_</td><td>$ldsymbol{ldsymbol{ldsymbol{eta}}}$</td><td>_</td><td></td><td><u> </u></td><td>$oxed{oxed}$</td><td></td><td></td><td>64</td><td>$\sqcup \bot$</td><td>\perp</td><td>4</td><td>_</td><td></td><td></td><td><u> -</u></td><td><u> </u></td><td><u> </u></td><td> </td><td>\vdash</td></t<>			1		ـــــــــــــــــــــــــــــــــــــــ	_	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	_		<u> </u>	$oxed{oxed}$			64	$\sqcup \bot$	\perp	4	_			<u> -</u>	<u> </u>	<u> </u>		\vdash
17 18 67 68 69 68 69 70 70 71 72 72 72 73 74 74 74 74 74 75 75 76 77 78 78 79 78 79 30 80 81 31 81 32 83 83 33 84 84 84 84 85 86 86 87 38 88 88 89 90 90 90 90 91 94 44 94 44 94 44 94 44 94 44 94 48 98 99 <td< td=""><td></td><td></td><td><u> </u></td><td></td><td>_</td><td>_</td><td></td><td><u>L</u></td><td>_</td><td>_</td><td>_</td><td></td><td><u> </u></td><td>65</td><td></td><td>4</td><td>_</td><td>_</td><td></td><td>_</td><td><u> </u></td><td>L</td><td>_</td><td> </td><td><u> </u></td></td<>			<u> </u>		_	_		<u>L</u>	_	_	_		<u> </u>	65		4	_	_		_	<u> </u>	L	_		<u> </u>
18 19 20 70 21 71 21 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99		16		_				L	<u> </u>		ļ		<u> </u>	66	\vdash	4	-	_		<u> </u>	┢		<u> </u>	l	-
19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99			L	<u> </u>	_	L_		<u> </u>	匚	_	<u> </u>	Į		67		+	-1	4		L	├-	 	⊢	-	-
20 70 21 71 22 72 23 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99		18	_	<u> </u>	_		_	_	<u> </u>	_	┡	l		68	\vdash	+	\dashv	_		⊢	-	-	<u> </u>	•	-
21 71 22 73 24 74 25 75 26 76 27 77 28 79 30 81 32 82 33 83 34 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 94 44 94 45 96 46 96 47 97 48 98			-	L	-	<u> </u>	 	╀	┡	_	├-	-	-	69	\vdash	+	\dashv	_		_	-	1	 		_
22 72 23 74 25 75 26 77 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 86 37 88 39 89 40 90 41 91 42 92 43 94 45 96 46 97 48 98 49 99		20	<u> </u>	L		├-	<u> </u>	⊢	┝	<u> </u>	<u> </u>	1	<u> </u>	70	\vdash	+	\dashv			-	╁	├	├	ł	\vdash
23 73 24 74 25 76 26 77 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 86 37 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 45 96 46 97 48 98 49 99	<u> </u>	21	⊢	-	<u> </u>	<u> </u>	<u> </u>	⊢	⊢	₩	┢	ł	-		⊢┼		-	_		-	╁	⊢	┢	1	-
24 74 25 75 26 77 28 77 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 45 95 46 96 47 97 48 98 49 99			-	-		⊢	├-	⊢	⊢	├	├	-	-	72	-+	\dashv	-	\dashv	_	-	╁	┢	├─	1	\vdash
25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 96 48 98 49 99	-	23	╁	⊢	╁	-	┝	├	₩	┢	⊢	┨	_		\vdash	-				-	┢		┢	1	\vdash
26 76 27 77 28 79 30 80 31 81 32 83 33 84 35 85 36 86 37 88 38 89 40 91 41 91 42 92 43 94 45 96 47 97 48 98 49 99			┼-	\vdash	 	╫	-	┢╌	 	\vdash	-	1			\vdash	\dashv					H	\vdash	┢	1	\vdash
27 28 29 79 30 80 31 81 32 83 33 84 35 85 36 86 37 88 38 89 40 90 41 91 42 92 43 94 45 96 47 97 48 98 49 99		26	-	┢	+-	╁	\vdash	\vdash	\vdash	┢	\vdash	1		76	\vdash	\dashv	┪				 	 	-	1	\vdash
28 78 29 80 31 81 32 83 33 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 45 96 47 97 48 98 49 99	\vdash	27	╁	╁	H	┢	╁╌	╁	 	┢	1	1		77	1	\dashv	\dashv	_	-	 	t	1	1	1	\vdash
29 79 30 81 31 82 33 83 34 84 35 85 36 87 38 87 38 89 40 91 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99	\vdash	28	H		H		H		-	┢	\vdash	1				十	1		_	T	t	_	†	1	
30 80 31 82 33 82 33 84 35 85 36 86 37 87 38 86 39 88 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99	-	29	-	┢	t	t		1	t	T	1-	1		79		\dashv	ヿ		_	1	1	İ	┢	1	\vdash
31 81 32 83 33 84 35 85 36 86 37 88 38 87 38 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99		30	\vdash	<u> </u>	Г	t	<u> </u>		1	T	\vdash	1		80		ヿ				Г	1			1	
32 82 33 84 35 85 36 86 37 87 38 88 39 88 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99		31			\sqcap	T		Г			T	1		81	П	T	\neg			Ī	Π]	
33 83 34 84 35 85 36 86 37 88 38 88 39 90 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		32						L	L		L			82						匚					L
35 85 36 86 37 88 38 88 39 88 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		33													\Box	\perp	\Box			\Box		\perp	<u> </u>	1	L
36 86 37 88 38 88 39 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		34		\perp	\perp	$oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$	$oxedsymbol{oxedsymbol{oxed}}$	1	\perp	L		1		84	Ш	_	_		<u> </u>	_	\perp	 _	ــــ	1	\vdash
37 87 38 88 39 90 40 91 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u></u>		 	_	╙	\vdash	$oxed{oxed}$	\perp	↓_	ـــــ	\perp			85	\sqcup	\dashv	_		<u> </u>	_	\vdash	ـ	╄-	1	\vdash
38 88 39 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u></u>	36	$oxed{igspace}$	$oxed{igspace}$	┞	↓_	_	\perp	1_	┡	\perp	1	<u> </u>	86	\sqcup	\dashv	_			-	1	 	ـــ	-	\vdash
39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u></u>		↓_	\vdash	<u> </u>	_		↓_	1	_	┼	4		87	\vdash	4	4			-		╀	\vdash	1	\vdash
40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>				-	1	\vdash	┺	↓_	╀-	↓_	1	<u> </u>		$\vdash \vdash$		_		<u> </u>	├-	+-	1	1 -	1	-
41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>		╄	⊢	-	ļ -	⊢	╄	-	-	\vdash	-			$\vdash \vdash$	\dashv	-		<u> </u>	⊢	+-	╀	┼-	1	\vdash
42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>		+-	⊬	₩	₩	├	\vdash	╀	\vdash	+	1	<u> </u>		\vdash	\dashv	-		\vdash	\vdash	+-	╁	+-	1	-
43 93 44 94 45 95 46 96 47 97 48 98 49 99	\vdash		+	\vdash	╀╌	╀	╀	╀	╁	⊢	\vdash	1	<u> </u>		\vdash	-	-		\vdash	\vdash	+-	\vdash	╀	1	-
44 94 45 95 46 96 47 97 48 98 49 99	-	42	╁	\vdash	╁	╁	\vdash	╁	+	\vdash	╀	┨	├	03	\vdash	\dashv	\dashv		 	\vdash	╁	+-	\vdash	1	\vdash
45 95 96 96 97 97 98 98 99 99 99 99 99 99 99 99 99 99 99			+	┼	╁	\vdash	╁╌	╁	╁	+-	+	1	-		\vdash	\dashv	-	_	┝╌	+-	╁	+-	\vdash	1	\vdash
46 96 97 97 98 98 99 99 99 99 99 99 99 99 99 99 99	-	45	╁	\vdash	╁	+	1-	+	+	+	╁╌	1	-	95	\vdash	-	\dashv		\vdash	H	+	t	+-	1	-
47	\vdash		+	十	t^-	+	╁	✝	+	+-	╁	1	-	96	+	\dashv	\dashv	_		t	1-	1	T	1	十
48 98 99			\vdash	\vdash	\vdash	t^-	T	十	+-	t	T	1		97	\Box	-1	┪	_	Т	T	T	T	1	1	H
49 99 99		48	+	\vdash	\top	\vdash	t	†	+	t	1	1			$ \cdot $	\dashv		_	Т	T	T	T	T	1	
50 100 100			1	Τ	Τ	Τ	Τ	T	T	T	1	1		99	\Box	\dashv				T	T		1	1	
			\perp	Γ	Ι	Ι	Τ	Γ	T			1		100						Γ	Ι	Ι	Γ]	

Claim			_			Jace	;			
Final	Original									
	51									
	51 52									
	53									
	54									
	54 55									
	56									
	57									
	58									
	59									
	60									
	61									
	62									
	63									
	64									
	65									
	66									
	67									
	68									
	69									
	70									
	71 72 73									
	72					L				
	73									
	74 75							$oxed{oxed}$		
	75									
	76				L					
	76 77									
	78 79								_	
	79						_	匚	L	$oxed{oxed}$
	80			L.		L				
	81							L		
	82 83			L			L	<u></u>	_	
	83	L			L			_		·
	84	Ш	_		匚	<u> </u>	_	<u> </u>	<u> </u>	L
<u> </u>	85		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	L_	L
L	86	<u> </u>	_	<u> </u>	<u> </u>	_	<u> </u>	_	 	\vdash
	87	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	$ldsymbol{ldsymbol{ldsymbol{eta}}}$
	88	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	L _	—	ļ _
<u> </u>	89	L_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	<u> </u>	_	<u> </u>
	90 91	\vdash	\vdash	\vdash	┞	<u> </u>	<u> </u>	! —	<u> </u>	
	91	1_	<u> </u>	<u> </u>	Ь	<u> </u>	\vdash	<u> </u>	 _	┞
<u> </u>	92	\vdash	L	├	\vdash	<u> </u>	<u> </u>	<u> </u>	<u> </u>	├-
<u> </u>	93	\vdash	├_	<u> </u>	₩	├-		<u> </u>	<u> </u>	├-
	94	lacksquare	┡	<u> </u>	ļ	┞	\vdash	┞	┡	├ -
	95	-	<u> </u>	⊢-	₩	-	<u> </u>	 	 _	<u> </u>
	96	\vdash	<u> </u>	-	├-	├	<u> </u>		\vdash	⊢
	97		<u> </u>		├-	⊢	\vdash	\vdash	⊢	⊢
	98	├		├-	₩	⊢	├-		⊬	├ -
L	99		<u> </u>		₩	1	₩	₩	-	├ -
1	1100		1	1		1	1	1	1	1

Cli	aim	Date									
									\neg		
-	Original										
Final	ığı										
_	Ō										
	101					_			-	\dashv	
-	101	-		-			-		Н	\dashv	
	102	-	_	-				_	-		
	103					_	\vdash			-	
	101 102 103 104 105	_		-					-		
	105					_					
<u> </u>	106	_								_	
	107	_		Н							
	108	_				_					
	109					_				Щ	
	110 111			Щ						Щ	
	111		_								
	112					L			$ldsymbol{ld}}}}}}$		
	112 113	oxdot	L_			L	L	<u> </u>			
L	114		_	$ldsymbol{ld}}}}}}$		L	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	<u> </u>	\Box	Ш	
	115		$ldsymbol{ld}}}}}}$				$ldsymbol{f eta}$	L			
	116	L				L				Ш	
	117					\Box					
	118										
	119										
	118 119 120							Г			
	121								Г		
	121 122			Т					Г		
	123 124 125	T			l –			Τ	İ		
\vdash	124	1	┢	\vdash	-	\vdash	\vdash	┢			
	125	 -	\vdash	\vdash	-	1	┢	\vdash			
-	126		\vdash	┢		╁╌	 	\vdash	\vdash	Н	
\vdash	127		\vdash	┢		一	H		_	\vdash	
	126 127 128		\vdash	╁	H	┢	\vdash		-	\vdash	
<u> </u>	120	┢	┢	-	\vdash	╁	-		H	-	
-	129 130 131	⊢	\vdash	⊢	-	┢	\vdash		⊢	\vdash	
	130	⊢		┢	-	╁	\vdash	├	├	-	
<u> </u>	131	⊢	⊢	┢	\vdash	┢	\vdash	⊢	┢		
	132 133	⊢	⊢	⊢	-	⊢	\vdash	⊢	┢		
	133	 	⊢	┢	⊢-	├	\vdash	├	├		
<u> </u>	134 135	\vdash	\vdash	\vdash	\vdash	⊢	 	-	\vdash	-	
	135	\vdash	\vdash	⊢	⊢	\vdash	├-	├	├-	 	
	136	<u> </u>	<u> </u>	₩	⊢	\vdash	-	⊢	├-	\vdash	
	137 138	!	┞	├-	<u> </u>	\vdash	├-	┡	-	\vdash	
	138	_	<u> </u>	<u> </u>		<u> </u>	┞-	\vdash	—	\vdash	
	139	lacksquare	<u> </u>	<u> </u>	L_	<u> </u>	<u> </u>	ـــــ	_	<u> </u>	
<u></u>	140	<u> </u>	<u> </u>	L_	<u> </u>	!	<u> </u>	\vdash	<u> </u>	<u> </u>	
	141		_	L_	L	_	<u> </u>	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	_	<u> </u>	
	142		\perp		<u> </u>	<u>L</u>	<u> </u>	L	<u> </u>	_	
	143			\Box	L^{-}	L	L	L		Ĺ	
	144	Γ	Ī								
	145				Г			Γ			
	146	T		Г	1	Π	Π	T	Γ	T	
	147	1	Γ	Т	Τ	Π	Π	1		Π	
\vdash	148	\top	1	1		T	T		T	T	
	149	t^-	\vdash	t	T	T	1-	T	T	1	
—	150	+	t	†	t	†	\vdash	T	1	t	
	130	ட	丄		1	ч_	Ц_	_	Ь.	Щ.	